

In the Claims:

Claims 1-22 (Canceled).

23. (Currently Amended) A method of cutting metal comprising:
providing a two part tip cutting torch;
positioning the cutting torch to cut metal;
preheating the metal;
fueling the torch with a combustible gas and oxygen from a liquid oxygen source,
wherein said combustible gas is delivered to said cutting torch at a rate pressure between 35
about 15 and 80 psi; and
forming a cut in the metal.

24. Canceled

25. Canceled

26. Canceled

27. (Previously Presented) A metal cutting apparatus comprising:
combustible gas selected from a group consisting of: propane, chemtane,
propylene, MAPP, and natural gas;
a two part tip cutting torch;
said combustible gas delivered to said cutting torch at a pressure between about
35 and 80 psi;
a regulator;
lines;
heater; and
liquid oxygen, wherein the liquid oxygen is passed through a heater so that the

cutting torch uses oxygen gas of at least 150 psi and the lines do not freeze.

28. (Previously Presented) A method for cutting metal comprising:
- positioning a two part tip cutting torch relative to a surface;
 - preheating a local area;
 - providing a combustible gas, wherein said combustible gas is selected from a group consisting of: propane, chemtane, propylene, MAPP, and natural gas;
 - employing pressure of oxygen to at least 150 psi;
 - removing molten metal at an angle of reflection; and
 - moving the cutting torch relative to ~~the~~ a ~~of~~ cut.
29. (Original) A method for cutting metal according to claim 28, further comprising the step of preventing freezing of a hose.
30. (Previously Presented) A method for cutting metal according to claim 29, further comprising the step of cutting part of the metal at a rate of at least 15 inches per minute.
31. (Previously Presented) A method for cutting metal according to claim 29, further comprising the step of cutting part of the metal at a rate of at least 5 feet per minute.
32. Cancelled
33. Cancelled
34. (Original) A method for cutting metal according to claim 28, further comprising the step of adjusting the position of the torch to maintain the cut.
35. Canceled

36. Canceled

37. (Previously Presented) The method of claim 23, wherein said metal is steel.

38. Canceled

39. Canceled

40. (Currently Amended) The apparatus of claim 27 ~~28~~, wherein said combustible gas is delivered to said cutting torch at a rate of about ~~15~~ 35 to about 80 psi.

41. (Previously Presented) The apparatus of claim 27, wherein said metal is steel.

42. (Previously Presented) The method of claim 28, wherein said metal is steel.

43. (New) A metal cutting apparatus comprising:

a two part tip cutting torch;

a combustible gas delivered to said cutting torch at a pressure between about 15 and 80 psi; and

liquid oxygen, wherein the liquid oxygen is passed through a heater so that the cutting torch uses said oxygen at a pressure of at least 150 psi.

44. (New) A method of cutting metal comprising:

providing a two part tip cutting torch;

positioning the cutting torch to cut metal;

preheating the metal;

fueling the torch with a combustible gas and oxygen from a liquid oxygen source, wherein said combustible gas is delivered to said cutting torch at a pressure between about 15 and 80 psi; and

cutting the metal at a rate of at least 24 inches per minute.

45. (New) A method of cutting metal comprising:
providing a two part tip cutting torch;
positioning the cutting torch to cut metal;
preheating the metal;
fueling the torch with a combustible gas and oxygen from a liquid oxygen source,
wherein said combustible gas is delivered to said cutting torch at a pressure between about 15
and 80 psi; and
cutting the metal at a rate of at least 5 feet per minute.
46. (New) The method of claim 23, further comprising the step of cutting the metal at a rate
of at least 2 feet per minute.
47. (New) The method of claim 23, further comprising the step of cutting the metal at a rate
of at least 3 feet per minute.
48. (New) The method of claim 23, further comprising the step of cutting the metal at a rate
of at least 5 feet per minute.
49. (New) The apparatus of claim 27, further comprising said torch to cut metal at a rate of at
least 2 feet per minute.
50. (New) The apparatus of claim 27, further comprising said torch to cut metal at a rate of at
least 3 feet per minute.
51. (New) The apparatus of claim 27, further comprising said torch to cut metal at a rate of at
least 5 feet per minute.